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CURRENT INDUSTRIAL REPORTS

Manufacturers' Shipments, Inventories, and Orders

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U.S. Department of Commerce
BUREAU OF THE CENSUS

AUGUST 1984

M3-1(84)-8

For Wire Transmission 10:00 A.M. E.D.T. Wednesday, October 3, 1984

(All figures in text are in seasonally adjusted current dollars)

SUMMARY. New orders for manufactured goods in August declined $1.4 billion or 0.7 percent to $192.6 billion. A larger decline in the nondurable goods sector of $1.9 billion or 2.0 percent was partially offset by an increase in the durable sector of $0.5 billion or 0.5 percent. Durable goods orders had earlier been reported as a 0.9 percent decline for August.

Shipments of manufactured goods increased $1.3 billion or 0.7 percent in August to $191.9 billion. An increase in durable goods shipments of $2.7 billion or 2.7 percent was partially offset by a decline in nondurable goods shipments of $1.4 billion or 1.5 percent.

Manufacturers' unfilled orders were up $0.7 billion or 0.2 percent from July at $359.7 billion. Excluding the defense capital goods category, the level of manufacturers' unfilled orders declined 0.3 percent.

Manufacturers' inventories increased $3.5 billion or 1.3 percent from July to August to $283.5 billion. Since the end of January when they were estimated at $260.9 billion, manufacturers have increased inventories by $22.7 billion or 8.7 percent.

NEW ORDERS. The 0.5 percent increase in durable goods new orders resulted from larger offsetting movements within the major industry categories. Primary metals in total was up 0.9 percent, but steel increased 4.1 percent while non ferrous metals declined 1.1 percent. Transportation equipment was up 0.1 percent, but motor vehicles and parts increased 8.5 percent while aircraft and parts decreased 13.6 percent. Machinery was down 1.5 percent, but electrical machinery was up 1.6 percent while nonelectrical fell 4.2 percent.

The decline in nondurable goods new orders, which for the most part reflects shipments for the month, reflected declines in all the major industries except tobacco.

SHIPMENTS. Over half of the increase in shipments of durable goods of $2.7 billion or 2.7 percent was caused by an increase in motor vehicle and parts as the industry continued shipping at a greater rate than usual during their model changeover period. Excluding this industry, durable goods shipments were up 1.3 percent.

The decline in shipments of nondurable goods of 1.5 percent was the largest since the end of the recession. The August decreases were widespread. The largest was in food products which was down $0.7 billion or 3.0 percent to $24.5 billion. This followed a 3.2 percent increase last month.

UNFILLED ORDERS. Although the increase in unfilled orders in August was nominal, up 0.2 percent, more significant movements were reported in the specific industries. The backlog of orders for electrical machinery increased $1.1 billion or 1.3 percent to $80.3 billion. Most of this was offset by declines in transportation equipment of $0.4 billion or 0.3 percent to $146.8 billion and primary metals of $0.3 billion or 1.6 percent to $20.4 billion. This is the fourth consecutive decline in primary metals, dropping the level $2.5 billion below the April high of $22.9 billion.

INVENTORIES. The value of inventories of durable goods manufacturers in August increased $2.6 billion or 1.4 percent to $187.2 billion. The machinery and transportation equipment categories accounted for virtually all of the increase. Nonelectrical machinery was up $1.0 billion or 2.7 percent, electrical was up $0.6 billion or 1.9 percent, and transportation equipment was up $0.8 billion or 1.8 percent.

Most of the nondurable goods industries contributed to the 0.9 percent increase in that sector with food products going up $0.3 billion or 1.4 percent and chemicals increasing $0.3 billion or 1.5 percent.

In both the durable and nondurable goods sectors, the work in process and finished goods inventories showed large increases. Work in process inventories increased 1.6 percent and finished goods increased 1.8 percent. Materials and supplies inventories were up 0.4 percent.

The inventory to shipments ratio in August was 1.48. Since reaching a low last December of 1.40, the ratio has been steadily increasing except for a slight decline in March.

SCHEDULED RELEASE DATES. The advance report on durable goods for September is scheduled for release on October 23, 1984 at 8:30 A.M. and the full report on October 31, 1984 at 10:00 A.M.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Ruth Runyan or Kathleen Menth, (301) 763-2502.

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. This press release is available electronically in CENDATA, the Bureau's online information service, through a commercial vendor. For further information, contact Customer Services, DUSD, Bureau of the Census, Washington, D.C. 20233, or call (301) 763-4100.

Table 1. VALUE OF MANUFACTURERS' SHIPMENTS FOR INDUSTRY GROUPS, MARKET CATEGORIES AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]					
		Monthly				Percent change			Monthly				Year to date	
		Aug. 1984p	July 1984r	June 1984	May 1984	July-Aug.p	June-Julyr	May-June	Aug. 1984p	July 1984r	June 1984	May 1984	1984p	1983
	All manufacturing industries	191,935	190,658	190,401	189,376	+0.7	+0.1	+0.5	188,542	175,607	201,941	191,416	1,500,164	1,319,391
	Manufacturing industries with unfilled orders	102,417	101,133	101,832	100,178	+1.3	-0.7	+1.7	100,350	91,819	108,123	100,927	789,723	674,965
	Durable goods industries	101,091	98,390	99,042	97,944	+2.7	-0.7	+1.1	96,915	88,455	106,969	99,968	776,767	651,674
	With unfilled orders	81,713	80,325	81,124	79,623	+1.7	-1.0	+1.9	79,334	72,543	87,008	80,486	628,511	532,109
32	Stone, clay, and glass products	4,714	4,575	4,495	4,612	+3.0	+1.8	-2.5	4,976	4,526	4,923	4,719	36,319	31,816
322	Glass containers	398	394	361	404	+1.0	+9.1	-10.6	421	389	407	415	3,152	3,335
33	Primary metals	11,601	11,364	11,488	11,342	+2.1	-1.1	+1.3	11,176	10,321	12,215	11,756	91,627	75,266
331	Blast furnaces, steel mills	4,864	4,913	4,906	5,032	-1.0	+0.1	-2.5	4,679	4,436	5,264	5,097	38,788	30,786
333-9	Nonferrous and other primary metals	5,360	5,175	5,349	5,105	+3.6	-3.3	+4.8	5,167	4,706	5,595	5,335	42,659	36,916
34	Fabricated metal products	11,525	11,459	11,145	11,219	+0.6	+2.8	-0.7	11,584	10,531	12,017	11,426	89,340	77,711
341	Metal cans, barrels, and drums	947	976	964	921	-3.0	+1.2	+4.7	1,110	1,050	1,072	957	7,578	7,711
35	Machinery, except electrical	17,227	17,292	17,821	17,704	-0.4	-3.0	+0.7	16,176	15,588	19,529	17,644	135,274	113,547
351	Engines and turbines	1,107	1,249	1,273	1,228	-11.4	-1.9	+3.7	1,035	1,096	1,399	1,248	9,823	7,842
352	Farm machinery and equipment	733	771	848	924	-4.9	-9.1	-8.2	648	645	936	1,015	7,158	7,035
353	Construction, mining, and material handling equipment	2,565	2,859	2,985	2,843	-10.3	-4.2	+5.0	2,457	2,744	3,194	2,880	21,416	18,056
354	Metalworking machinery	802	833	777	847	-3.7	+7.2	-8.3	739	726	855	824	6,315	5,039
356	General industrial machinery	1,456	1,426	1,334	1,394	+2.1	+6.9	-4.3	1,427	1,302	1,443	1,414	11,000	9,528
357	Office and computing machines	4,584	4,329	4,790	4,493	+5.9	-9.6	+6.6	4,341	3,684	5,273	4,161	32,925	28,222
36	Electrical machinery	15,471	15,223	15,435	15,006	+1.6	-1.4	+2.9	15,027	13,668	16,510	14,970	118,167	99,163
361,2	Electrical transmission and distribution equipment and industrial apparatus	1,995	2,100	2,048	2,034	-5.0	+2.5	+0.7	1,938	1,823	2,207	2,041	16,072	14,092
363	Household appliances	1,455	1,508	1,598	1,486	-3.5	-5.6	+7.5	1,518	1,450	1,733	1,470	11,648	9,827
365	Radio and TV	948	930	779	936	+1.9	+19.4	-16.8	910	750	910	842	6,556	5,309
366	Communication equipment	4,670	4,360	4,689	4,439	+7.1	-7.0	+5.6	4,441	3,980	5,041	4,509	35,151	30,957
367	Electronic components	3,935	3,814	3,919	3,687	+3.2	-2.7	+6.3	3,841	3,478	4,107	3,757	29,525	22,447
37	Transportation equipment	25,690	23,576	23,627	23,196	+9.0	-0.2	+1.9	22,581	20,091	25,824	24,465	189,125	152,370
371	Motor vehicles and parts	17,371	15,722	15,324	15,558	+10.5	+2.6	-1.5	14,937	12,855	17,058	16,717	127,803	94,760
372,6	Aircraft, missiles, and parts	6,650	6,239	6,584	6,006	+6.6	-5.2	+9.6	6,103	5,708	6,972	6,047	48,000	46,016
3731,95	Shipbuilding and military tank vehicles	887	833	895	779	+6.5	-6.9	+14.9	832	830	936	819	6,753	6,546
38	Instruments and related products	4,701	4,883	4,774	4,809	-3.7	+2.3	-0.7	4,625	4,386	5,122	4,710	36,702	31,887
381-4	Scientific and engineering instruments	2,854	2,987	2,779	2,824	-4.5	+7.5	-1.6	2,775	2,629	2,957	2,747	21,858	18,820
386	Photographic goods	1,663	1,668	1,786	1,767	-0.3	-6.6	+1.1	1,657	1,553	1,947	1,746	13,234	11,510
24,25, 39	All other durable goods	10,162	10,018	10,257	10,056	+1.4	-2.3	+2.0	10,770	9,344	10,829	10,278	80,213	69,914
	Nondurable goods industries	90,844	92,268	91,359	91,432	-1.5	+1.0	-0.1	91,627	87,152	94,972	91,448	723,397	667,717
	With unfilled orders	20,704	20,808	20,708	20,555	-0.5	+0.5	+0.7	21,016	19,276	21,115	20,441	161,212	142,856
20	Food and kindred products	24,454	25,202	24,409	24,944	-3.0	+3.2	-2.1	24,608	23,700	25,408	24,545	195,055	187,609
201	Meat products	5,790	5,814	5,869	5,817	-0.4	-0.9	+0.9	6,016	5,628	5,980	5,806	46,341	44,116
208	Beverages	3,606	3,780	3,725	3,657	-4.6	+1.5	+1.9	3,840	3,965	4,220	3,821	29,201	28,361
207	Fats and oils	1,235	1,329	1,414	1,500	-7.1	-6.0	-5.7	1,203	1,235	1,397	1,405	10,801	10,513
203-6,9	All other foods	10,601	11,202	10,197	10,773	-5.4	+9.9	-5.3	10,347	9,779	10,472	10,310	82,922	79,311
21	Tobacco products	1,444	1,295	1,566	1,414	+11.5	-17.3	+10.7	1,494	1,291	1,641	1,420	10,908	9,415
22	Textile mill products	4,583	4,520	4,595	4,687	+1.4	-1.6	-2.0	4,724	3,856	4,995	4,762	37,190	33,612
26	Paper and allied products	8,012	8,201	8,189	8,026	-2.3	+0.1	+2.0	8,184	7,706	8,546	8,076	64,061	55,838
261-3,6	Pulp, paper etc	3,508	3,545	3,508	3,528	-1.0	+1.1	-0.6	3,524	3,307	3,688	3,612	27,851	23,740
265	Paperboard containers	1,863	1,863	1,807	1,836	0.0	+3.1	-1.6	1,896	1,748	1,875	1,838	14,418	12,439
264	All other paper products	2,641	2,793	2,874	2,662	-5.4	-2.8	+8.0	2,764	2,651	2,983	2,626	21,792	19,659
28	Chemicals and allied products	17,933	18,172	17,901	17,559	-1.3	+1.5	+1.9	17,242	16,487	19,045	18,493	142,249	123,624
281,6	Industrial chemicals, except pigments	5,871	5,837	5,710	5,589	+0.6	+2.2	+2.2	5,677	5,435	6,036	5,690	45,886	38,284
283,4	Drugs, soaps, and toiletries	4,596	4,522	4,743	4,492	+1.6	-4.7	+5.6	4,517	4,074	5,027	4,200	34,932	32,583
29	Petroleum and coal products	16,382	16,537	16,541	16,507	-0.9	0.0	+0.2	16,488	16,471	17,044	16,534	131,365	125,799
30	Rubber and plastics products	4,240	4,407	4,352	4,400	-3.8	+1.3	-1.1	4,379	4,194	4,682	4,411	34,960	32,837
23,27, 31	All other nondurable goods	13,796	13,934	13,806	13,895	-1.0	+0.9	-0.6	14,508	13,447	13,611	13,207	107,609	98,983
	Market categories:													
	Home goods and apparel	12,796	13,116	13,202	13,204	-2.4	-0.7	0.0	13,924	12,082	13,608	12,583	102,663	92,781
	Consumer staples	33,755	34,295	33,798	33,786	-1.6	+1.5	0.0	33,827	32,320	35,147	33,162	264,451	249,468
	Equipment and defense products, except automotive	28,273	27,841	28,829	27,830	+1.6	-3.4	+3.6	26,784	25,201	31,154	27,791	215,882	189,387
	Automotive equipment	19,259	17,719	17,404	17,673	+8.7	+1.8	-1.5	16,899	14,799	19,298	18,935	144,426	109,498
	Construction materials, supplies and intermediate products	14,835	14,542	14,444	14,331	+2.0	+0.7	+0.8	15,657	14,403	15,802	14,829	115,172	101,668
	Other materials, supplies, and intermediate products	83,017	83,145	82,724	82,552	-0.2	+0.5	+0.2	81,451	76,802	86,932	84,116	657,570	576,589
	Supplementary series:[2]													
	Capital goods industries	32,271	31,852	32,869	31,643	+1.3	-3.1	+3.9	30,395	28,815	35,436	31,511	246,385	215,060
	Nondefense	26,022	25,859	26,892	25,894	+0.6	-3.8	+3.9	24,450	23,189	29,222	25,695	199,984	173,123
	Defense	6,249	5,993	5,977	5,749	+4.3	+0.3	+4.0	5,945	5,626	6,214	5,816	46,401	41,937
	Household durable goods industries	6,312	6,424	6,506	6,299	-1.7	-1.3	+3.3	6,612	5,591	6,767	6,179	48,471	40,963

See footnotes at end of table 2.

Table 2. VALUE OF MANUFACTURERS' NEW ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]					
		Monthly				Percent change			Monthly				Year to date	
		Aug. 1984p	July 1984r	June 1984	May 1984	July-Aug.p	June-Julyr	May-June	Aug. 1984p	July 1984r	June 1984	May 1984	1984p	1983
	All manufacturing industries	192,644	194,037	190,620	193,680	-0.7	+1.8	-1.6	187,292	177,480	199,212	193,010	1,528,425	1,336,126
	Manufacturing industries with unfilled orders	103,126	104,512	102,051	104,482	-1.3	+2.4	-2.3	99,100	93,692	105,394	102,521	817,984	691,700
	Durable goods industries	102,187	101,704	99,171	102,256	+0.5	+2.6	-3.0	96,072	90,211	104,411	101,659	804,981	666,681
	With unfilled orders	82,809	83,639	81,253	83,935	-1.0	+2.9	-3.2	78,491	74,299	84,450	82,177	656,725	547,116
32	Stone, clay, and glass products	4,815	4,596	4,417	4,622	+4.8	+4.1	-4.4	5,016	4,577	4,824	4,763	36,858	32,204
33	Primary metals	11,279	11,183	10,155	10,653	+0.9	+10.1	-4.7	10,805	10,077	10,298	10,524	91,388	78,782
331	Blast furnaces, steel mills	4,762	4,576	3,877	4,357	+4.1	+18.0	-11.0	4,507	4,104	3,863	4,118	37,875	32,555
333-9	Nonferrous and other primary metals	5,146	5,203	4,913	5,046	-1.1	+5.9	-2.6	4,964	4,691	5,027	5,099	42,592	38,516
34	Fabricated metal products	12,031	11,024	11,084	11,573	+9.1	-0.5	-4.2	11,906	10,229	12,033	11,706	90,581	77,466
35	Machinery, except electrical	17,382	18,149	18,512	18,797	-4.2	-2.0	-1.5	15,798	15,991	19,932	18,581	140,568	112,627
351	Engines and turbines	1,268	2,126	1,456	964	-40.4	+46.0	+51.0	1,231	1,992	1,393	1,056	10,442	7,126
353	Construction, mining, and material handling equipment	2,399	2,901	2,975	3,042	-17.3	-2.5	-2.2	2,224	2,806	3,166	3,031	21,799	17,940
354	Metalworking machinery	895	1,193	825	981	-25.0	+44.6	-15.9	893	1,122	905	943	7,318	5,042
356	General industrial machinery	1,477	1,399	1,466	1,346	+5.6	-4.6	+8.9	1,429	1,303	1,509	1,388	11,197	9,140
357	Office and computing machines	4,652	3,818	5,108	5,059	+21.8	-25.3	+1.0	3,761	2,756	5,759	4,827	34,778	28,337
36	Electrical machinery	16,523	16,267	15,988	17,535	+1.6	+1.7	-8.8	16,296	14,359	16,630	17,105	129,454	105,746
361,2	Electrical transmission and distribution equipment and industrial apparatus	2,110	1,992	1,957	1,924	+5.9	+1.8	+1.7	2,036	1,725	2,063	1,905	16,103	14,049
363	Household appliances	1,416	1,497	1,525	1,597	-5.4	-1.8	-4.5	1,483	1,453	1,647	1,603	11,722	10,046
365	Radio and TV	1,109	877	851	1,144	+26.5	+3.1	-25.6	1,342	726	1,065	1,110	7,248	5,736
366	Communication equipment	6,110	4,997	5,700	5,606	+22.3	-12.3	+1.7	5,895	4,236	5,304	5,505	41,377	32,944
367	Electronic components	3,384	4,348	3,574	4,831	-22.2	+21.7	-26.0	3,190	3,977	4,050	4,629	33,722	26,256
37	Transportation equipment	25,285	25,267	24,055	23,776	+0.1	+5.0	+1.2	20,821	20,802	24,894	23,459	197,253	155,395
372,6	Aircraft, missiles, and parts	7,135	8,259	7,044	6,393	-13.6	+17.2	+10.2	5,143	6,891	7,028	5,487	58,093	47,885
3731,95	Shipbuilding and military tank vehicles	357	598	923	1,135	-40.3	-35.2	-18.7	355	225	214	718	5,026	6,386
38	Instruments and related products	4,914	4,919	4,767	5,079	-0.1	+3.2	-6.1	4,817	4,411	5,179	4,900	37,411	32,681
24,25, 39	All other durable goods	9,958	10,299	10,193	10,221	-3.3	+1.0	-0.3	10,613	9,765	10,621	10,621	81,468	71,780
	Nondurable goods industries	90,457	92,333	91,449	91,424	-2.0	+1.0	0.0	91,220	87,269	94,801	91,351	723,444	669,445
	With unfilled orders	20,317	20,873	20,798	20,547	-2.7	+0.4	+1.2	20,609	19,393	20,944	20,344	161,259	144,584
	Market categories:													
	Home goods and apparel	12,941	13,159	13,057	13,440	-1.7	+0.8	-2.8	14,250	12,299	13,401	13,095	104,428	94,557
	Consumer staples	33,818	34,271	33,785	33,806	-1.3	+1.4	-0.1	33,918	32,333	35,132	33,143	264,472	249,434
	Equipment and defense products, except automotive	30,230	29,857	30,612	31,044	+1.2	-2.5	-1.4	26,563	25,529	31,021	29,607	232,721	190,907
	Automotive equipment	18,927	17,694	17,282	17,561	+7.0	+2.4	-1.6	16,622	14,948	18,997	18,631	144,020	110,750
	Construction materials, supplies and intermediate products	15,219	14,384	14,435	14,429	+5.8	-0.4	0.0	15,881	14,283	15,802	15,000	116,217	101,894
	Other materials, supplies, and intermediate products	81,509	84,672	81,449	83,400	-3.7	+4.0	-2.3	80,058	78,088	84,859	83,534	666,567	588,584
	Supplementary series:[2]													
	Capital goods industries	33,975	34,863	35,019	34,637	-2.5	-0.4	+1.1	30,184	29,901	35,377	32,721	266,652	218,253
	Nondefense	26,303	27,648	28,029	28,958	-4.9	-1.4	-3.2	24,357	24,712	29,912	28,150	213,090	170,128
	Defense	7,672	7,215	6,990	5,679	+6.3	+3.2	+23.1	5,827	5,189	5,465	4,571	53,562	48,125
	Household durable goods industries	6,472	6,452	6,394	6,544	+0.3	+0.9	-2.3	7,002	5,773	6,602	6,661	50,193	42,691

[p]Preliminary. [r]Revised.

[1]Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations; unfilled orders and inventories are as of the end of the period and are not adjusted for trading-day or calendar-month variations.

[2]The supplementary series are regroupings of the separate industry categories: Household durable goods industries includes household furniture; kitchen articles and pottery; cutlery, hand tools, and hardware; household appliances, radio and TV, ophthalmic goods, watches, and clocks; and miscellaneous personal goods.

Nondefense capital goods include machinery, except electrical (excluding farm machinery and equipment and machine shops); electrical machinery (excluding household appliances, radio and TV, and electronic components); railroad equipment; and the nondefense portions of ordnance; communication equipment; aircraft and aircraft parts; and shipbuilding, converting and repairing.

Defense capital goods include ordnance, communication equipment, aircraft and aircraft parts, and shipbuilding converting and repairing. The defense data are comparable to those published annually in the MA-175, Shipments to Federal Government Agencies.

Table 3. VALUE OF MANUFACTURERS' UNFILLED ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]				
		End of month				Percent change			End of month				
		Aug. 1984P	July 1984r	June 1984	May 1984	July-Aug.P	June-Julyr	May-June	Aug. 1984P	July 1984r	June 1984	May 1984	Aug. 1983
	All manufacturing industries..	359,702	358,990	355,625	355,398	+0.2	+0.9	+0.1	356,223	357,473	355,590	358,317	310,881
	Durable goods industries.....	349,165	348,065	344,765	344,631	+0.3	+1.0	0.0	345,650	346,493	344,731	347,289	300,272
32	Stone, clay, and glass products...	2,464	2,363	2,342	2,419	+4.3	+0.9	-3.2	2,481	2,441	2,390	2,489	2,043
33	Primary metals.....	20,375	20,696	20,877	22,210	-1.6	-0.9	-6.0	20,070	20,441	20,686	22,603	18,334
331	Blast furnaces, steel mills.....	8,974	9,076	9,413	10,442	-1.1	-3.6	-9.9	8,777	8,949	9,281	10,682	8,366
333-9	Nonferrous and other primary metals.....	8,085	8,298	8,269	8,706	-2.6	+0.4	-5.0	8,004	8,207	8,303	8,871	7,663
34	Fabricated metal products.....	21,217	20,709	21,146	21,208	+2.5	-2.1	-0.3	21,368	21,044	21,344	21,328	20,995
35	Machinery, except electrical.....	64,105	63,949	63,095	62,400	+0.2	+1.4	+1.1	63,432	63,814	63,408	63,004	54,609
351	Engines and turbines.....	15,450	15,289	14,413	14,230	+1.1	+6.1	+1.3	15,341	15,145	14,249	14,254	14,343
353	Construction, mining, and material handling equipment....	6,111	6,277	6,235	6,244	-2.6	+0.7	-0.1	6,050	6,284	6,222	6,251	5,515
354	Metalworking machinery.....	3,294	3,200	2,841	2,793	+2.9	+12.6	+1.7	3,376	3,223	2,826	2,776	2,399
356	General industrial machinery....	4,830	4,809	4,837	4,704	+0.4	-0.6	+2.8	4,845	4,843	4,841	4,775	4,304
357	Office and computing machines...	22,381	22,313	22,823	22,505	+0.3	-2.2	+1.4	22,000	22,580	23,508	23,022	18,258
36	Electrical machinery.....	80,306	79,254	78,214	77,662	+1.3	+1.3	+0.7	80,457	79,188	78,495	78,375	66,192
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	6,263	6,149	6,258	6,349	+1.9	-1.7	-1.4	6,272	6,174	6,271	6,415	6,719
363	Household appliances.....	488	527	538	612	-7.4	-2.0	-12.1	538	572	569	655	525
365	Radio and TV.....	769	607	661	589	+26.7	-8.2	+12.2	1,088	656	680	525	833
366	Communication equipment.....	49,015	47,576	46,940	45,929	+3.0	+1.4	+2.2	48,420	46,967	46,710	46,447	40,494
367	Electronic components.....	22,353	22,904	22,370	22,716	-2.4	+2.4	-1.5	22,666	23,317	22,818	22,875	16,227
37	Transportation equipment.....	146,819	147,224	145,534	145,107	-0.3	+1.2	+0.3	143,468	145,225	144,514	145,445	124,850
372,6	Aircraft, missiles, and parts...	116,814	116,329	114,309	113,849	+0.4	+1.8	+0.4	114,425	115,383	114,200	114,145	95,218
3731,95	Shipbuilding and military tank vehicles.....	21,757	22,287	22,522	22,495	-2.4	-1.0	+0.1	20,931	21,408	22,013	22,735	22,565
38	Instruments and related products..	8,334	8,122	8,087	8,092	+2.6	+0.4	-0.1	8,362	8,169	8,145	8,088	7,770
24,25, 39	All other durable goods.....	5,545	5,748	5,470	5,533	-3.5	+5.1	-1.1	6,012	6,171	5,749	5,957	5,479
	Nondurable goods industries.....	10,537	10,925	10,860	10,767	-3.6	+0.6	+0.9	10,573	10,980	10,859	11,028	10,609
	Market categories:												
	Home goods and apparel.....	4,774	4,631	4,590	4,733	+3.1	+0.9	-3.0	5,482	5,155	4,936	5,143	4,783
	Consumer staples.....	709	646	670	682	+9.8	-3.6	-1.8	721	630	617	631	731
	Equipment and defense products, except automotive.....	217,919	215,960	213,950	212,164	+0.9	+0.9	+0.8	213,729	213,952	213,619	213,753	184,538
	Automotive equipment.....	7,531	7,863	7,888	8,010	-4.2	-0.3	-1.5	7,373	7,650	7,501	7,802	6,603
	Construction materials, supplies and intermediate products.....	12,788	12,403	12,561	12,570	+3.1	-1.3	-0.1	12,897	12,672	12,791	12,791	12,673
	Other materials, supplies, and intermediate products.....	115,981	117,487	115,966	117,239	-1.3	+1.3	-1.1	116,021	117,414	116,126	118,197	101,553
	Supplementary series:[2]												
	Capital goods industries.....	261,524	259,820	256,817	254,663	+0.7	+1.2	+0.8	257,184	257,395	256,305	256,364	222,887
	Nondefense.....	136,782	136,501	134,717	133,575	+0.2	+1.3	+0.9	136,214	136,309	134,782	134,091	119,283
	Defense.....	124,742	123,319	122,100	121,088	+1.2	+1.0	+0.8	120,970	121,086	121,523	122,273	103,604
	Household durable goods industries.....	4,229	4,069	4,043	4,154	+3.9	+0.6	-2.7	4,928	4,537	4,355	4,520	4,323

See footnotes at end of table 2.

Table 4. VALUE OF MANUFACTURERS' INVENTORIES FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]				
		End of month				Percent change			End of month				
		Aug. 1984p	July 1984r	June 1984	May 1984	July-Aug.p	June-Julyr	May-June	Aug. 1984p	July 1984r	June 1984	May 1984	Aug. 1983
	All manufacturing industries..	283,543	280,019	277,481	274,593	+1.3	+0.9	+1.1	282,966	279,512	277,528	276,642	258,403
	Manufacturing industries with unfilled orders.....	195,487	192,560	190,065	187,767	+1.5	+1.3	+1.2	195,947	193,332	191,256	189,911	177,022
	Durable goods industries.....	187,183	184,559	182,452	180,578	+1.4	+1.2	+1.0	187,361	184,547	183,014	182,319	170,438
	With unfilled orders.....	171,943	169,297	167,098	165,128	+1.6	+1.3	+1.2	172,162	169,552	167,685	166,695	155,880
32	Stone, clay, and glass products...	5,931	5,878	5,860	5,782	+0.9	+0.3	+1.3	5,872	5,894	5,932	5,957	5,652
322	Glass containers.....	626	623	633	623	+0.5	-1.6	+1.6	630	637	641	643	612
33	Primary metals.....	21,315	21,158	21,150	20,934	+0.7	0.0	+1.0	21,227	21,105	20,947	20,945	19,893
331	Blast furnaces, steel mills.....	10,032	9,957	9,902	9,778	+0.8	+0.6	+1.3	10,082	9,997	9,754	9,681	9,579
333-9	Nonferrous and other primary metals.....	10,002	9,900	9,942	9,843	+1.0	-0.4	+1.0	9,892	9,841	9,893	9,912	9,147
34	Fabricated metal products.....	18,281	18,394	18,547	18,231	-0.6	-0.8	+1.7	18,281	18,492	18,890	18,604	17,598
341	Metal cans, barrels, and drums..	1,788	1,940	2,061	2,057	-7.8	-5.9	+0.2	1,735	2,059	2,283	2,322	1,965
35	Machinery, except electrical.....	40,096	39,060	38,519	38,155	+2.7	+1.4	+1.0	40,032	39,174	38,730	38,689	37,325
351	Engines and turbines.....	2,407	2,334	2,257	2,281	+3.1	+3.4	-1.1	2,364	2,310	2,246	2,290	2,116
352	Farm machinery and equipment....	1,983	1,858	1,860	1,864	+6.7	-0.1	-0.2	1,963	1,847	1,925	1,918	1,936
353	Construction, mining, and material handling equipment....	7,015	6,802	6,813	6,938	+3.1	-0.2	-1.8	6,973	6,823	6,875	7,076	7,604
354	Metalworking machinery.....	2,420	2,345	2,370	2,336	+3.2	-1.1	+1.5	2,425	2,369	2,380	2,357	2,282
356	General industrial machinery....	3,585	3,566	3,542	3,529	+0.5	+0.7	+0.4	3,556	3,570	3,570	3,561	3,659
357	Office and computing machines...	11,750	11,489	11,072	10,870	+2.3	+3.8	+1.9	11,914	11,638	11,094	10,957	10,011
36	Electrical machinery.....	31,416	30,824	30,174	29,732	+1.9	+2.2	+1.5	31,502	30,955	30,567	30,247	27,138
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	4,486	4,417	4,368	4,301	+1.6	+1.1	+1.6	4,483	4,425	4,411	4,387	3,990
363	Household appliances.....	2,398	2,357	2,294	2,335	+1.7	+2.7	-1.8	2,355	2,378	2,420	2,501	1,773
365	Radio and TV.....	1,275	1,228	1,204	1,141	+3.8	+2.0	+5.5	1,346	1,286	1,236	1,169	1,054
366	Communication equipment.....	12,381	12,207	11,882	11,664	+1.4	+2.7	+1.9	12,381	12,199	11,877	11,753	10,749
367	Electronic components.....	6,322	6,148	6,045	5,980	+2.8	+1.7	+1.1	6,328	6,191	6,111	6,010	5,551
37	Transportation equipment.....	45,913	45,093	44,219	43,757	+1.8	+2.0	+1.1	46,086	44,641	43,703	43,616	39,727
371	Motor vehicles and parts.....	10,538	10,565	10,281	10,178	-0.3	+2.8	+1.0	10,690	10,042	9,932	10,022	8,647
372,6	Aircraft, missiles, and parts...	32,290	31,485	30,921	30,600	+2.6	+1.8	+1.0	32,389	31,652	30,820	30,673	28,110
3731,95	Shipbuilding and military tank vehicles.....	1,339	1,324	1,278	1,290	+1.1	+3.6	-0.9	1,329	1,326	1,302	1,288	1,539
38	Instruments and related products..	9,540	9,483	9,358	9,294	+0.6	+1.3	+0.7	9,568	9,549	9,543	9,465	8,986
381-4	Scientific and engineering instruments.....	6,813	6,773	6,657	6,636	+0.6	+1.7	+0.3	6,799	6,807	6,777	6,716	6,409
386	Photographic goods.....	2,142	2,140	2,127	2,107	+0.1	+0.6	+0.9	2,183	2,164	2,182	2,181	2,057
24,25, 39	All other durable goods.....	14,691	14,669	14,625	14,693	+0.1	+0.3	-0.5	14,793	14,737	14,702	14,796	14,119
	Nondurable goods industries.....	96,360	95,460	95,029	94,015	+0.9	+0.5	+1.1	95,605	94,965	94,514	94,323	87,965
	With unfilled orders.....	23,544	23,263	22,967	22,639	+1.2	+1.3	+1.4	23,785	23,780	23,571	23,216	21,142
20	Food and kindred products.....	22,350	22,039	22,071	22,203	+1.4	-0.1	-0.6	21,817	21,043	20,726	21,208	20,490
201	Meat products.....	2,285	2,345	2,279	2,257	-2.6	+2.9	+1.0	2,169	2,270	2,263	2,318	1,854
208	Beverages.....	3,611	3,560	3,538	3,518	+1.4	+0.6	+0.6	3,416	3,411	3,485	3,553	3,345
207	Fats and oils.....	1,412	1,471	1,635	1,789	-4.0	-10.0	-8.6	1,148	1,271	1,501	1,674	1,363
203-6,9	All other foods.....	13,204	12,833	12,829	12,848	+2.9	0.0	-0.1	13,218	12,217	11,649	11,820	12,199
21	Tobacco products.....	3,467	3,501	3,566	3,645	-1.0	-1.8	-2.2	3,231	3,207	3,360	3,561	3,930
22	Textile mill products.....	7,387	7,367	7,301	7,203	+0.3	+0.9	+1.4	7,330	7,377	7,385	7,421	6,631
26	Paper and allied products.....	9,433	9,353	9,203	9,123	+0.9	+1.6	+0.9	9,398	9,431	9,412	9,362	8,389
261-3,6	Pulp, paper etc.....	3,470	3,480	3,385	3,327	-0.3	+2.8	+1.7	3,479	3,473	3,425	3,395	3,232
265	Paperboard containers.....	2,562	2,531	2,481	2,475	+1.2	+2.0	+0.2	2,572	2,592	2,561	2,530	2,205
264	All other paper products.....	3,401	3,342	3,337	3,321	+1.8	+0.1	+0.5	3,347	3,366	3,426	3,437	2,952
28	Chemicals and allied products.....	22,081	21,758	21,617	20,810	+1.5	+0.7	+3.9	21,875	21,672	21,452	21,038	19,482
281,6	Industrial chemicals, except pigments.....	7,151	6,958	6,868	6,449	+2.8	+1.3	+6.5	7,108	6,972	6,848	6,533	5,821
283,4	Drugs, soaps, and toiletries....	6,838	6,748	6,634	6,600	+1.3	+1.7	+0.5	6,838	6,782	6,766	6,784	6,240
29	Petroleum and coal products.....	8,862	8,858	8,892	9,050	0.0	-0.4	-1.7	8,916	8,915	8,808	8,971	8,534
30	Rubber and plastics products.....	6,349	6,251	6,185	5,992	+1.6	+1.1	+3.2	6,165	6,212	6,271	6,180	5,564
23,27, 31	All other nondurable goods.....	16,431	16,333	16,194	15,989	+0.6	+0.9	+1.3	16,873	17,108	17,100	16,582	14,945
	Market categories:												
	Home goods and apparel.....	22,700	22,655	22,405	22,261	+0.2	+1.1	+0.6	23,005	23,294	23,428	23,158	20,544
	Consumer staples.....	34,586	34,089	33,839	33,773	+1.5	+0.7	+0.2	34,154	33,120	32,651	33,049	32,344
	Equipment and defense products, except automotive.....	81,192	79,224	77,863	77,061	+2.5	+1.7	+1.0	81,126	79,398	78,095	77,796	73,184
	Automotive equipment.....	12,945	12,889	12,621	12,479	+0.4	+2.1	+1.1	12,972	12,255	12,223	12,338	10,679
	Construction materials, supplies and intermediate products.....	19,629	19,717	19,663	19,579	-0.4	+0.3	+0.4	19,517	19,692	19,823	19,784	19,045
	Other materials, supplies, and intermediate products.....	112,491	111,445	111,090	109,440	+0.9	+0.3	+1.5	112,192	111,753	111,308	110,517	102,607
	Supplementary series:[2]												
	Capital goods industries.....	92,399	90,369	88,778	87,746	+2.2	+1.8	+1.2	92,491	90,692	89,069	88,636	83,182
	Nondefense.....	71,134	69,593	68,789	68,254	+2.2	+1.2	+0.8	71,147	69,674	68,791	68,830	65,313
	Defense.....	21,265	20,776	19,989	19,492	+2.4	+3.9	+2.5	21,344	21,018	20,278	19,806	17,869
	Household durable goods industries.....	11,092	10,971	10,801	10,668	+1.1	+1.6	+1.2	11,257	11,160	11,092	11,009	9,930

See footnotes at end of table 2.

Table 5. VALUE OF MANUFACTURERS' INVENTORIES, BY STAGE OF FABRICATION, BY INDUSTRY GROUP

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted				
		End of month				Percent change			End of month				
		Aug. 1984p	July 1984r	June 1984	May 1984	July-Aug.p	June-Julyr	May-June	Aug. 1984p	July 1984r	June 1984	May 1984	Aug. 1983
	MATERIALS AND SUPPLIES												
	All manufacturing industries..	93,302	92,957	91,915	91,609	+0.4	+1.1	+0.3	92,815	92,939	91,522	91,642	85,562
	Durable goods industries.....	55,658	55,339	54,420	53,967	+0.6	+1.7	+0.8	55,875	55,478	54,209	53,825	50,945
32	Stone, clay, and glass products...	1,991	1,952	1,921	1,947	+2.0	+1.6	-1.3	1,981	1,952	1,917	1,934	1,937
33	Primary metals.....	6,940	6,790	6,707	6,587	+2.2	+1.2	+1.8	6,920	6,724	6,557	6,406	6,659
34	Fabricated metal products.....	7,289	7,342	7,357	7,203	-0.7	-0.2	+2.1	7,308	7,399	7,351	7,248	6,886
35	Machinery, except electrical.....	11,471	11,695	11,185	11,258	-1.9	+4.6	-0.6	11,417	11,737	11,204	11,324	10,573
36	Electrical Machinery.....	8,494	8,336	8,199	8,061	+1.9	+1.7	+1.7	8,569	8,479	8,270	8,124	7,432
37	Transportation equipment.....	11,202	10,967	10,876	10,852	+2.1	+0.8	+0.2	11,343	10,908	10,883	10,870	9,690
38	Instruments and related products..	2,846	2,831	2,801	2,720	+0.5	+1.1	+3.0	2,835	2,830	2,808	2,724	2,504
24,25, 39	All other durable goods.....	5,425	5,426	5,374	5,339	0.0	+1.0	+0.7	5,502	5,449	5,219	5,195	5,264
	Nondurable goods industries.....	37,644	37,618	37,495	37,642	+0.1	+0.3	-0.4	36,940	37,461	37,313	37,817	34,617
20	Food and kindred products.....	8,014	8,022	8,221	8,485	-0.1	-2.4	-3.1	7,517	7,736	7,883	8,334	7,489
21	Tobacco products.....	3,037	3,019	3,044	3,139	+0.6	-0.8	-3.0	2,831	2,806	2,932	3,110	3,514
22	Textile mill products.....	2,268	2,316	2,347	2,284	-2.1	-1.3	+2.8	2,235	2,346	2,367	2,360	2,062
26	Paper and allied products.....	4,855	4,837	4,882	4,762	+0.4	-0.9	+2.5	4,864	4,889	4,926	4,775	4,214
28	Chemicals and allied products.....	8,379	8,281	8,264	8,197	+1.2	+0.2	+0.8	8,373	8,344	8,189	8,264	7,400
29	Petroleum and coal products.....	2,176	2,316	2,163	2,115	-6.0	+7.1	+2.3	2,142	2,303	2,236	2,250	2,234
30	Rubber and plastics products.....	2,265	2,244	2,190	2,301	+0.9	+2.5	-4.8	2,197	2,267	2,227	2,307	1,966
23,27, 31	All other nondurable goods.....	6,650	6,583	6,384	6,359	+1.0	+3.1	+0.4	6,781	6,770	6,553	6,417	5,738
	WORK IN PROCESS												
	All manufacturing industries..	101,438	99,803	99,023	97,680	+1.6	+0.8	+1.4	101,861	99,567	98,604	98,438	91,194
	Durable goods industries.....	86,162	84,765	83,863	82,658	+1.6	+1.1	+1.5	86,496	84,538	83,547	83,213	76,662
32	Stone, clay, and glass products...	785	774	775	741	+1.4	-0.1	+4.6	773	766	794	780	785
33	Primary metals.....	8,245	8,338	8,369	8,261	-1.1	-0.4	+1.3	8,354	8,416	8,300	8,323	7,463
34	Fabricated metal products.....	6,500	6,549	6,550	6,429	-0.7	0.0	+1.9	6,518	6,640	6,716	6,604	6,176
35	Machinery, except electrical.....	16,534	16,050	16,154	15,746	+3.0	-0.6	+2.6	16,556	15,900	16,037	15,948	15,187
36	Electrical Machinery.....	16,799	16,349	16,064	15,813	+2.8	+1.8	+1.6	16,847	16,385	16,170	16,002	14,309
37	Transportation equipment.....	29,788	29,165	28,416	28,044	+2.1	+2.6	+1.3	29,866	28,833	27,895	27,867	25,376
38	Instruments and related products..	3,974	3,984	3,961	3,985	-0.3	+0.6	-0.6	4,002	4,009	4,031	4,031	4,009
24,25, 39	All other durable goods.....	3,537	3,556	3,574	3,639	-0.5	-0.5	-1.8	3,580	3,589	3,604	3,658	3,357
	Nondurable goods industries.....	15,276	15,038	15,160	15,022	+1.6	-0.8	+0.9	15,365	15,029	15,057	15,225	14,532
20	Food and kindred products.....	1,898	1,776	1,737	1,696	+6.9	+2.2	+2.4	1,795	1,709	1,702	1,703	1,724
21	Tobacco products.....	192	255	280	256	-24.7	-8.9	+9.4	178	184	171	193	122
22	Textile mill products.....	2,243	2,159	2,130	2,196	+3.9	+1.4	-3.0	2,242	2,133	2,114	2,214	2,112
26	Paper and allied products.....	1,083	1,106	1,070	1,112	-2.1	+3.4	-3.8	1,113	1,112	1,111	1,130	1,088
28	Chemicals and allied products.....	3,767	3,697	3,729	3,480	+1.9	-0.9	+7.2	3,764	3,688	3,725	3,557	3,319
29	Petroleum and coal products.....	1,640	1,545	1,633	1,808	+6.1	-5.4	-9.7	1,660	1,573	1,630	1,847	1,771
30	Rubber and plastics products.....	1,163	1,147	1,185	1,028	+1.4	-3.2	+15.3	1,163	1,142	1,158	1,025	1,009
23,27, 31	All other nondurable goods.....	3,290	3,353	3,396	3,446	-1.9	-1.3	-1.5	3,450	3,488	3,446	3,556	3,387
	FINISHED GOODS												
	All manufacturing industries..	88,803	87,259	86,543	85,304	+1.8	+0.8	+1.5	88,290	87,006	87,402	86,562	81,647
	Durable goods industries.....	45,363	44,455	44,169	43,953	+2.0	+0.6	+0.5	44,990	44,531	45,258	45,281	42,831
32	Stone, clay, and glass products...	3,155	3,152	3,164	3,094	+0.1	-0.4	+2.3	3,118	3,176	3,221	3,243	2,930
33	Primary metals.....	6,130	6,030	6,074	6,086	+1.7	-0.7	-0.2	5,953	5,965	6,090	6,216	5,771
34	Fabricated metal products.....	4,492	4,503	4,640	4,599	-0.2	-3.0	+0.9	4,455	4,453	4,823	4,752	4,536
35	Machinery, except electrical.....	12,091	11,315	11,180	11,151	+6.9	+1.2	+0.3	12,059	11,537	11,489	11,417	11,565
36	Electrical Machinery.....	6,123	6,139	5,911	5,858	-0.3	+3.9	+0.9	6,086	6,091	6,127	6,121	5,397
37	Transportation equipment.....	4,923	4,961	4,927	4,861	-0.8	+0.7	+1.4	4,877	4,900	4,925	4,879	4,661
38	Instruments and related products..	2,720	2,668	2,596	2,589	+1.9	+2.8	+0.3	2,731	2,710	2,704	2,710	2,473
24,25, 39	All other durable goods.....	5,729	5,687	5,677	5,715	+0.7	+0.2	-0.7	5,711	5,699	5,879	5,943	5,498
	Nondurable goods industries.....	43,440	42,804	42,374	41,351	+1.5	+1.0	+2.5	43,300	42,475	42,144	41,281	38,816
20	Food and kindred products.....	12,438	12,241	12,113	12,022	+1.6	+1.1	+0.8	12,505	11,598	11,141	11,171	11,277
21	Tobacco products.....	238	227	242	250	+4.8	-6.2	-3.2	222	217	257	258	294
22	Textile mill products.....	2,876	2,892	2,824	2,723	-0.6	+2.4	+3.7	2,853	2,898	2,904	2,847	2,457
26	Paper and allied products.....	3,495	3,410	3,251	3,249	+2.5	+4.9	+0.1	3,421	3,430	3,375	3,457	3,087
28	Chemicals and allied products.....	9,935	9,780	9,624	9,133	+1.6	+1.6	+5.4	9,738	9,640	9,538	9,217	8,763
29	Petroleum and coal products.....	5,046	4,997	5,096	5,127	+1.0	-1.9	-0.6	5,114	5,039	4,942	4,874	4,529
30	Rubber and plastics products.....	2,921	2,860	2,810	2,663	+2.1	+1.8	+5.5	2,805	2,803	2,886	2,848	2,589
23,27, 31	All other nondurable goods.....	6,491	6,397	6,414	6,184	+1.5	-0.3	+3.7	6,642	6,850	7,101	6,609	5,820

pPreliminary. rRevised.

Table 6. RATIO OF MANUFACTURERS' INVENTORIES TO SHIPMENTS AND UNFILLED ORDERS TO SHIPMENTS, BY INDUSTRY GROUP

(Based on seasonally adjusted data)

SIC Code	Industry	Inventory/shipments ratio				Unfilled orders/shipments ratio[1]			
		Aug. 1984p	July 1984r	June 1984	May 1984	Aug. 1984p	July 1984r	June 1984	May 1984
	All manufacturing industries	1.48	1.47	1.46	1.45	3.51	3.55	3.49	3.55
	Durable goods industries	1.85	1.88	1.84	1.84	4.27	4.33	4.25	4.33
32	Stone, clay, and glass products	1.26	1.28	1.30	1.25	0.57	0.57	0.57	0.57
33	Primary metals	1.84	1.86	1.84	1.85	1.76	1.82	1.82	1.96
34	Fabricated metal products	1.59	1.61	1.66	1.63	2.01	1.98	2.08	2.06
35	Machinery, except electrical	2.33	2.26	2.16	2.16	3.89	3.87	3.72	3.72
36	Electrical machinery	2.03	2.02	1.95	1.98	5.19	5.21	5.07	5.18
37	Transportation equipment	1.79	1.91	1.87	1.89	11.07	11.84	11.36	12.02
38	Instruments and related products	2.03	1.94	1.96	1.93	1.77	1.66	1.69	1.68
	Nondurable goods industries	1.06	1.03	1.04	1.03	0.51	0.53	0.52	0.52
20	Food and kindred products	0.91	0.87	0.90	0.89	(X)	(X)	(X)	(X)
21	Tobacco products	2.40	2.70	2.28	2.58	(X)	(X)	(X)	(X)
22	Textile mill products	1.61	1.63	1.59	1.54	(NA)	(NA)	(NA)	(NA)
26	Paper and allied products	1.18	1.14	1.12	1.14	(NA)	(NA)	(NA)	(NA)
28	Chemicals and allied products	1.23	1.20	1.21	1.19	(X)	(X)	(X)	(X)
29	Petroleum and coal products	0.54	0.54	0.54	0.55	(X)	(X)	(X)	(X)
30	Rubber and plastics products	1.50	1.42	1.42	1.36	(X)	(X)	(X)	(X)

p Preliminary. r Revised. (X) Not applicable. (NA) Not available.

[1] Excludes the following industries with no unfilled orders: Wood and lumber products; glass containers; metal cans, barrels, and drums; farm machinery and equipment; motor vehicle assembly operations; other transportation equipment; foods and related products; tobacco; apparel and related products; building paper; die-cut paper and board; chemicals; petroleum and coal products; and rubber and plastics products, n.e.c.

Table 7. AVERAGE REVISIONS TO PREVIOUSLY PUBLISHED MONTHLY PERCENT CHANGES

(Based on seasonally adjusted data)

SIC Code	Industry	Shipments			New orders			Unfilled orders			Inventories		
		Year ago Aug. 1983	All Augs. 1979-1983	Aug. 1983-July 1984	Year ago Aug. 1983	All Augs. 1979-1983	Aug. 1983-July 1984	Year ago Aug. 1983	All Augs. 1979-1983	Aug. 1983-July 1984	Year ago Aug. 1983	All Augs. 1979-1983	Aug. 1983-July 1984
	All manufacturing industries.	0.4	0.4	0.3	0.5	0.3	0.4	0.1	0.1	0.1	0.1	0.1	0.1
	Durable goods industries	0.4	0.3	0.3	0.8	0.8	0.6	0.2	0.1	0.2	0.0	0.1	0.2
32	Stone, clay, and glass products..	1.3	1.2	0.8	1.7	1.5	1.1	0.9	1.0	1.2	0.8	0.6	0.5
33	Primary metals	0.5	0.5	0.6	1.0	0.7	1.6	0.2	0.1	0.7	0.0	0.1	0.2
34	Fabricated metal products	1.8	0.7	1.0	2.3	1.4	1.1	0.3	0.4	0.3	0.1	0.3	0.2
35	Machinery, except electrical	0.7	1.5	0.6	0.5	3.5	1.0	0.1	0.4	0.3	0.0	0.1	0.3
36	Electrical machinery	0.0	0.6	0.7	3.0	2.8	0.9	0.7	0.3	0.2	0.0	0.1	0.2
37	Transportation equipment	0.2	0.6	0.5	0.5	1.2	1.4	0.1	0.3	0.2	0.4	0.1	0.2
38	Instruments and related products.	1.0	0.4	1.0	0.5	0.5	1.1	0.2	0.3	0.4	0.1	0.1	0.4
	Nondurable goods industries	0.5	0.4	0.3	0.4	0.4	0.3	0.7	1.2	0.4	0.1	0.3	0.2
20	Food and kindred products	0.1	0.8	0.7	(X)	(X)	(X)	(X)	(X)	(X)	0.6	1.0	0.5
21	Tobacco products	0.1	1.2	0.3	(X)	(X)	(X)	(X)	(X)	(X)	0.0	0.4	0.2
22	Textile mill products	0.8	0.7	0.9	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	0.5	0.3	0.6
26	Paper and allied products	0.4	0.9	0.8	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	0.2	0.6	0.3
28	Chemicals and allied products	0.8	1.2	1.1	(X)	(X)	(X)	(X)	(X)	(X)	0.7	0.4	0.6
29	Petroleum and coal products	0.3	0.5	0.7	(X)	(X)	(X)	(X)	(X)	(X)	0.7	1.0	0.6
30	Rubber and plastics products	1.6	0.9	1.0	(X)	(X)	(X)	(X)	(X)	(X)	0.7	0.7	0.4
	Capital Goods Industries:												
	Nondefense	0.5	1.1	0.6	0.3	2.5	0.7	0.0	0.2	0.1	0.0	0.1	0.2
	Defense	0.1	2.5	0.7	0.4	3.2	2.3	0.0	0.3	0.1	0.3	0.1	0.4

(X) Not Applicable (NA) Not available.

Note: The revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the simple averages of the differences, without regard to sign, for the months specified. The advance to final percent change differences for the durable goods industries are shown in the advance report for the month.

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